SUBCHAPTER E—POISON PREVENTION PACKAGING ACT OF 1970 REGULATIONS

PART 1700—POISON PREVENTION PACKAGING

Sec.

AUTHORITY: 15 U.S.C. 1471–76. Secs. 1700.1 and 1700.14 also issued under 15 U.S.C. 2079(a).

SOURCE: 38 FR 21247, Aug. 7, 1973, unless otherwise noted.

§ 1700.1 Definitions.

(a) As used in this part:

(1) *Act* means the Poison Prevention Packaging Act of 1970 (Pub. L. 91–601, 84 Stat. 1670–74; 15 U.S.C. 1471–75), enacted December 30, 1970.

(2) *Commission* means the Consumer Product Safety Commission established by section 4 of the Consumer Product Safety Act (86 Stat. 1210; 15 U.S.C. 2053).

(3) *Dietary supplement* means any vitamin and/or mineral preparation offered in tablet, capsule, wafer, or other similar uniform unit form; in powder, granule, flake, or liquid form; or in the physical form of a conventional food but which is not a conventional food; and which purports or is represented to be for special dietary use by humans to supplement their diets by increasing the total dietary intake of one or more of the essential vitamins and/or minerals.

(b) Except for the definition of ''Secretary,'' which is obsolete, the definitions given in section 2 of the act are applicable to this part and are repeated herein for convenience as follows:

(1) [Reserved]

(2) *Household substance* means any substance which is customarily produced or distributed for sale for consumption or use, or customarily stored, by individuals in or about the household and which is:

(i) A hazardous substance as that term is defined in section 2(f) of the Federal Hazardous Substances Act (15 U.S.C. 1261(f));

(ii) A food, drug, or cosmetic as those terms are defined in section 201 of the Federal Food, Drug, and Cosmetic Act (21 U.S.C. 321); or

(iii) A substance intended for use as fuel when stored in a portable container and used in the heating, cooking, or refrigeration system of a house.

(3) *Package* means the immediate container or wrapping in which any household substance is contained for consumption, use, or storage by individuals in or about the household and, for purposes of section 4(a)(2) of the act, also means any outer container or wrapping used in the retail display of any such substance to consumers. ''Package'' does not include:

(i) Any shipping container or wrapping used solely for the transportation of any household substance in bulk or in quantity to manufacturers, packers, or processors, or to wholesale or retail distributors thereof; or

(ii) Any shipping container or outer wrapping used by retailers to ship or deliver any household substance to consumers unless it is the only such container or wrapping.

(4) *Special packaging* means packaging that is designed or constructed to be significantly difficult for children under 5 years of age to open or obtain a toxic or harmful amount of the substance contained therein within a reasonable time and not difficult for normal adults to use properly, but does not mean packaging which all such children cannot open or obtain a toxic or harmful amount within a reasonable time.

(5) *Labeling* means all labels and other written, printed, or graphic matter upon any household substance or

its package, or accompanying such substance.

(Pub. L. 92–573, sec. 30(a), 86 Stat. 1231; (15 U.S.C. 2079(a)))

[38 FR 21247, Aug. 7, 1973, as amended at 41 FR 22266, June 2, 1976; 48 FR 57480, Dec. 30, 1983]

§ 1700.2 Authority.

Authority under the Poison Prevention Packaging Act of 1970 is vested in the Consumer Product Safety Commission by section 30(a) of the Consumer Product Safety Act (15 U.S.C. 2079(a)).

§ 1700.3 Establishment of standards for special packaging.

(a) Pursuant to section 3 of the act, the Commission, after consultation with the technical advisory committee provided for by section 6 of the act, may establish by regulation standards for the special packaging of any household substance if the Commission finds:

(1) That the degree or nature of the hazard to children in the availability of such substance, by reason of its packaging, is such that special packaging is required to protect children from serious personal injury or serious illness resulting from handling, using, or ingesting such substance; and

(2) That the special packaging to be required by such standard is technically feasible, practicable, and appropriate for such substance.

(b) In establishing such a standard, the Commission shall consider:

(1) The reasonableness of such standard;

(2) Available scientific, medical, and engineering data concerning special packaging and concerning childhood accidental ingestions, illness, and injury caused by household substances;

(3) The manufacturing practices of industries affected by the act; and

(4) The nature and use of the household substance.

(c) In the process of establishing such a standard, the Commission shall publish its findings and reasons therefor and shall cite the sections of the act that authorize its action.

(d) In establishing such standards, the Commission shall not prescribe specific packaging designs, product content, package quantity, or labeling except for labeling under section 4(a)(2) of the act. Regarding a household substance for which special packaging is required by regulation, the Commission can prohibit the packaging of such substance in a package which the Commission determines is unnecessarily attractive to children.

(e) Promulgations pursuant to section 3 of the act shall be in accordance with section 5 of the act as to procedure.

§ 1700.4 Effective date of standards.

(a) The FR document promulgating a regulation establishing a child protection packaging standard shall indicate the standard's effective date. Section 9 of the act specifies that the effective date shall not be sooner than 180 days or later than 1 year from the date the standard is promulgated in the FEDERAL REGISTER unless the Commission, for good cause found, determines that an earlier effective date is in the public interest and publishes in the FEDERAL REGISTER the reason for such finding, in which case such earlier effective date shall apply.

(b) Upon becoming effective, a child protection packaging standard shall apply only to household substances packaged on and after its effective date.

§ 1700.5 Noncomplying package requirements.

To make household substances that are subject to requirements for special packaging readily available to elderly or handicapped persons who are unable to use those substances in special packaging, section 4(a) of the act authorizes manufacturers and packers to package such substances in noncomplying packaging of a single size provided that complying packaging is also supplied and the noncomplying packages are conspicuously labeled to indicate that they should not be used in households where young children are present. The purpose of this §1700.5 is to implement section 4(a) of the act by prescribing requirements for the labeling of noncomplying packages.

(a) *Labeling statement.* (1) The statement ''This Package for Households Without Young Children'' shall appear conspicuously, and in accordance with all of the requirements of paragraph (a)

of this section, on the package of any household substance subject to the special packaging requirements of this part 1700 that is supplied in noncomplying packaging under section 4(a) of the act, unless the package bears the substitute labeling statement in accordance with all of the requirements of paragraph (b) of this section.

(2) The statement required by paragraph (a)(1) of this section shall appear on the principal display panel of the immediate container as well as on the principal display panel of any outer container or wrapping used in the retail display of the substance. If a package bears more than one principal display panel, the required statement shall appear on each principal display panel of the immediate container as well as on each principal display panel of any outer container or wrapping used in the retail display of the substance. The principal display panel is the part of the labeling most likely to be displayed, presented, shown, or examined.

(3) The required labeling statement shall appear within the borderline of a square or rectangle on the principal display panel in conspicuous and easily legible capital letters, shall be in distinct contrast, by typography, layout, color, or embossing, to other matter on the package, and shall appear in lines generally parallel to the base on which the package rests as it is designed to be displayed.

(4) The declaration shall be in letters in type size established in relationship to the area of the principal display panel of the package and shall be uniform for all packages of substantially the same size by complying with the following type-size specifications:

(i) Not less than 1/16 inch in height on packages the principal display panel of which has an area of 7 square inches or less.

(ii) Not less than 3/32 inch in height on packages the principal display panel of which has an area of more than 7 but not more than 15 square inches.

(iii) Not less than 1/8 inch in height on packages the principal display panel of which has an area of more than 15 but not more than 25 square inches.

(iv) Not less than 3/16 inch in height on packages the principal display panel of which has an area of more than 25 but not more than 100 square inches.

(v) Not less than 1/4 inch in height on packages the principal display panel of which has an area of more than 100 square inches.

(5)(i) For the purpose of obtaining uniform type size for the required statement for all packages of substantially the same size, the area of the principal display panel is the area of the side or surface that bears the principal display panel, which shall be:

(A) In the case of a rectangular package where one entire side properly can be considered to be the principal display panel, the product of the height times the width of that side.

(B) In the case of a cylindrical or nearly cylindrical container, 40 percent of the product of the height of the container times the circumference.

(C) In the case of any other shape of container, 40 percent of the total surface of the container; however, if such container presents an obvious principal display (such as the top of a triangular or circular package), the area shall consist of the entire area of such obvious principal display panel.

(ii) In determining the area of the principal display panel exclude tops, bottoms, flanges at the tops and bottoms of cans, and shoulders and necks of bottles or jars. In the case of cylindrical or nearly cylindrical containers, the labeling statement required by this section to appear on the principal display panel shall appear within that 40 percent of the circumference most likely to be displayed, presented, shown, or examined.

(b) *Substitute labeling statement.* If the area of the principal display panel, as determined in accordance with paragraph (a)(5) of this section, is too small to accommodate the statement required by paragraph (a)(1) using the type size required by paragraph (a)(4), the substitute statement ''Package Not Child-Resistant'' may be used. This substitute statement must comply with all of the requirements for size, placement, and conspicuousness prescribed by paragraph (a) of this section.

[40 FR 4650, Jan. 31, 1975]

§ 1700.14 Substances requiring special packaging.

(a) *Substances.* The Commission has determined that the degree or nature of the hazard to children in the availability of the following substances, by reason of their packaging, is such that special packaging meeting the requirements of § 1700.20(a) is required to protect children from serious personal injury or serious illness resulting from handling, using, or ingesting such substances, and the special packaging herein required is technically feasible, practicable, and appropriate for these substances:

(1) *Aspirin.* Any aspirin-containing preparation for human use in a dosage form intended for oral administration shall be packaged in accordance with the provisions of § 1700.15 (a), (b), and (c), except the following:

(i) Effervescent tablets containing aspirin, other than those intended for pediatric use, provided the dry tablet contains not more than 15 percent aspirin and has an oral LD–50 in rats of 5 grams or more per kilogram of body weight.

(ii) Unflavored aspirin-containing preparations in powder form (other than those intended for pediatric use) that are packaged in unit doses providing not more than 15.4 grains of aspirin per unit dose and that contain no other substance subject to the provisions of this section.

(2) *Furniture polish.* Nonemulsion type liquid furniture polishes containing 10 percent or more of mineral seal oil and/or other petroleum distillates and having a viscosity of less than 100 Saybolt universal seconds at 100 °F., other than those packaged in pressurized spray containers, shall be packaged in accordance with the provisions of § 1700.15 (a), (b), and (d).

(3) *Methyl salicylate.* Liquid preparations containing more than 5 percent by weight of methyl salicylate, other than those packaged in pressurized spray containers, shall be packaged in accordance with the provisions of § 1700.15 (a), (b), and (c).

(4) *Controlled drugs.* Any preparation for human use that consists in whole or in part of any substance subject to control under the Comprehensive Drug Abuse Prevention and Control Act of 1970 (21 U.S.C. 801 *et seq.*) and that is in a dosage form intended for oral administration shall be packaged in accordance with the provisions of § 1700.15 (a), (b), and (c).

(5) *Sodium and/or potassium hydroxide.* Household substances in dry forms such as granules, powder, and flakes, containing 10 percent or more by weight of free or chemically unneutralized sodium and/or potassium hydroxide, and all other household substances containing 2 percent or more by weight of free or chemically unneutralized sodium and/or potassium hydroxide, shall be packaged in accordance with the provisions of § 1700.15 (a) and (b).

(6) *Turpentine.* Household substances in liquid form containing 10 percent or more by weight of turpentine shall be packaged in accordance with the provisions of § 1700.15 (a) and (b).

(7) *Kindling and/or illuminating preparations.* Prepackaged liquid kindling and/or illuminating preparations, such as cigarette lighter fuel, charcoal lighter fuel, camping equipment fuel, torch fuel, and fuel for decorative or functional lanterns, which contain 10 percent or more by weight of petroleum distillates and have a viscosity of less than 100 Saybolt universal seconds at 100 °F., shall be packaged in accordance with the provisions of § 1700.15 (a) and (b).

(8) *Methyl alcohol (methanol).* Household substances in liquid form containing 4 percent or more by weight of methyl alcohol (methanol), other than those packaged in pressurized spray containers, shall be packaged in accordance with the provisions of § 1700.15 (a) and (b).

(9) *Sulfuric acid.* Household substances containing 10 percent or more by weight of sulfuric acid, except such substances in wet-cell storage batteries, shall be packaged in accordance with the provisions of § 1700.15 (a) and (b).

(10) *Prescription drugs.* Any drug for human use that is in a dosage form intended for oral administration and that is required by Federal law to be dispensed only by or upon an oral or written prescription of a practitioner licensed by law to administer such drug shall be packaged in accordance with

the provisions of §1700.15 (a), (b), and (c), except for the following:

(i) Sublingual dosage forms of nitroglycerin.

(ii) Sublingual and chewable forms of isosorbide dinitrate in dosage strengths of 10 milligrams or less.

(iii) Erythromycin ethylsuccinate granules for oral suspension and oral suspensions in packages containing not more than 8 grams of the equivalent of erythromycin.

(iv) Cyclically administered oral contraceptives in manufacturers' mnemonic (memory-aid) dispenser packages that rely solely upon the activity of one or more progestogen or estrogen substances.

(v) Anhydrous cholestyramine in powder form.

(vi) All unit dose forms of potassium supplements, including individually-wrapped effervescent tablets, unit dose vials of liquid potassium, and powdered potassium in unit-dose packets, containing not more than 50 milliequivalents of potassium per unit dose.

(vii) Sodium fluoride drug preparations including liquid and tablet forms, containing not more than 110 milligrams of sodium fluoride (the equivalent of 50 mg of elemental fluoride) per package or not more than a concentration of 0.5 percent elemental fluoride on a weight-to-volume basis for liquids or a weight-to-weight basis for non-liquids and containing no other substances subject to this §1700.14(a)(10).

(viii) Betamethasone tablets packaged in manufacturers' dispenser packages, containing no more than 12.6 milligrams betamethasone.

(ix) Pancrelipase preparations in tablet, capsule, or powder form and containing no other substances subject to this §1700.14(a)(10).

(x) Prednisone in tablet form, when dispensed in packages containing no more than 105 mg. of the drug, and containing no other substances subject to this §1700.14(a)(10).

(xi)–(xii) [Reserved]

(xiii) Mebendazole in tablet form in packages containing not more than 600 mg. of the drug, and containing no other substance subject to the provisions of this section.

(xiv) Methylprednisolone in tablet form in packages containing not more than 84 mg of the drug and containing no other substance subject to the provisions of this section.

(xv) Colestipol in powder form in packages containing not more than 5 grams of the drug and containing no other substance subject to the provisions of this section.

(xvi) Erythromycin ethylsuccinate tablets in packages containing no more than the equivalent of 16 grams erythromycin.

(xvii) Conjugated Estrogens Tablets, U.S.P., when dispensed in mnemonic packages containing not more than 32.0 mg of the drug and containing no other substances subject to this §1700.14(a)(10).

(xviii) Norethindrone Acetate Tablets, U.S.P., when dispensed in mnemonic packages containing not more than 50 mg of the drug and containing no other substances subject to this §1700.14(a)(10).

(xix) Medroxyprogesterone acetate tablets.

(xx) Sacrosidase (sucrase) preparations in a solution of glycerol and water.

(xxi) Hormone Replacement Therapy Products that rely solely upon the activity of one or more progestogen or estrogen substances.

(xxii) Colesevelam hydrochloride in powder form in packages containing not more than 3.75 grams of the drug.

(xxiii) Sevelamer carbonate in powder form in packages containing not more than 2.4 grams of the drug.

(11) *Ethylene glycol.* Household substances in liquid form containing 10 percent or more by weight of ethylene glycol packaged on or after June 1, 1974, except those articles exempted by 16 CFR 1500.83, shall be packaged in accordance with the provisions of §1700.15 (a) and (b).

(12) *Iron-containing drugs.* With the exception of: (i) Animal feeds used as vehicles for the administration of drugs, and (ii) those preparations in which iron is present solely as a colorant, noninjectable animal and human drugs providing iron for therapeutic or prophylactic purposes, and containing a total amount of elemental iron, from any source, in a single package, equivalent to 250 mg or more elemental iron in a concentration of 0.025

percent or more on a weight to volume basis for liquids and 0.025 percent or more on a weight to volume basis for liquids and 0.05 percent or more on a weight-to-weight basis for nonliquids (e.g., powders, granules, tablets, capsules, wafers, gels, viscous products, such as pastes and ointments, etc.) shall be packaged in accordance with the provisions of §1700.15 (a), (b), and (c).

(13) *Dietary supplements containing iron.* Dietary supplements, as defined in §1700.1(a)(3), that contain an equivalent of 250 mg or more of elemental iron, from any source, in a single package in concentrations of 0.025 percent or more on a weight-to-volume basis for liquids and 0.05 percent or more on a weight-to-weight basis for nonliquids (e.g., powders, granules, tablets, capsules, wafers, gels, viscous products, such as pastes and ointments, etc.) shall be packaged in accordance with the provisions of §1700.15 (a), (b), and (c), except for the following:

(i) Preparations in which iron is present solely as a colorant; and

(ii) Powdered preparations with no more than the equivalent of 0.12 percent weight-to-weight elemental iron.

(14) [Reserved]

(15) *Solvents for paint or other similar surface-coating material.* Prepackaged liquid solvents (such as removers, thinners, brush cleaners, etc.) for paints or other similar surface-coating materials (such as varnishes and lacquers), that contain 10 percent or more by weight of benzene (also known as benzol), toluene (also known as toluol), xylene (also known as xylol), petroleum distillates (such as gasoline, kerosene, mineral seal oil, mineral spirits, naphtha, and Stoddard solvent, etc.), or combinations thereof, and that have a viscosity of less than 100 Saybolt universal seconds at 100 °F., shall be packaged in accordance with the provisions of §1700.15 (a) and (b).

(16) *Acetaminophen.* Preparations for human use in a dosage form intended for oral administration and containing in a single package a total of more than one gram acetaminophen shall be packaged in accordance with the provisions of §1700.15 (a), (b), and (c), except the following—

(i) Effervescent tablets or granules containing acetaminophen, provided the dry tablet or granules contain less than 15 percent acetaminophen, the tablet or granules have an oral LD–50 of 5 grams or greater per kilogram of body weight, and the tablet or granules contain no other substance subject to the provisions of this section.

(ii) Unflavored acetaminophen-containing preparations in powder form (other than those intended for pediatric use) that are packaged in unit doses providing not more than 13 grains of acetaminophen per unit dose and that contain no other substance subject to this §1700.14(a).

(17) *Diphenhydramine.* Preparations for human use in a dosage form intended for oral administration and containing more than the equivalent of 66 mg diphenhydramine base in a single package shall be packaged in accordance with the provisions of §1700.15 (a), (b), and (c), if packaged on or after February 11, 1985.

(18) *Glue removers containing acetonitrile.* Household glue removers in a liquid form containing more than 500 mg of acetonitrile in a single container.

(19) *Permanent wave neutralizers containing sodium bromate or potassium bromate.* Home permanent wave neutralizers, in a liquid form, containing in single container more than 600 mg of sodium bromate or more than 50 mg of potassium bromate.

(20) *Ibuprofen.* Ibuprofen preparations for human use in a dosage form intended for oral administration and containing one gram (1,000 mg) or more of ibuprofen in a single package shall be packaged in accordance with the provisions of §1700.15 (a), (b), and (c).

(21) *Loperamide.* Preparations for human use in a dosage form intended for oral administration and containing more than 0.045 mg of loperamide in a single package (i.e., retail unit) shall be packaged in accordance with the provisions of §1700.15 (a), (b), and (c).

(22) *Mouthwash.* Except as provided in the following sentence, mouthwash preparations for human use and containing 3 g or more of ethanol in a single package shall be packaged in accordance with the provisions of §1700.15 (a), (b), and (c). Mouthwash products with nonremovable pump dispensers

that contain at least 7% on a weight-to-weight basis of mint or cinnamon flavoring oils, that dispense no more than 0.03 grams of absolute ethanol per pump actuation, and that contain less than 15 grams of ethanol in a single unit are exempt from this requirement. The term ''mouthwash'' includes liquid products that are variously called mouthwashes, mouthrinses, oral antiseptics, gargles, fluoride rinses, anti-plaque rinses, and breath fresheners. It does not include throat sprays or aerosol breath fresheners.

(23) *Lidocaine.* Products containing more than 5.0 mg of lidocaine in a single package (i.e., retail unit) shall be packaged in accordance with the provisions of §1700.15 (a) and (b).

(24) *Dibucaine.* Products containing more than 0.5 mg of dibucaine in a single package (i.e., retail unit) shall be packaged in accordance with the provisions of §1700.15 (a) and (b).

(25) *Naproxen.* Naproxen preparations for human use and containing the equivalent of 250 mg or more of naproxen in a single retail package shall be packaged in accordance with the provisions of §1700.15 (a), (b), and (c).

(26) *Ketoprofen.* Ketoprofen preparations for human use and containing more than 50 mg of ketoprofen in a single retail package shall be packaged in accordance with the provisions of §1700.15 (a), (b) and (c).

(27) *Fluoride.* Household substances containing more than the equivalent of 50 milligrams of elemental fluoride per package and more than the equivalent of 0.5 percent elemental fluoride on a weight-to-volume basis for liquids or a weight-to-weight basis for non-liquids shall be packaged in accordance with the provisions of §1700.15(a), (b) and (c).

(28) *Minoxidil.* Minoxidil preparations for human use and containing more than 14 mg of minoxidil in a single retail package shall be packaged in accordance with the provisions of §1700.15(a), (b) and (c). Any applicator packaged with the minoxidil preparation and which it is reasonable to expect may be used to replace the original closure shall also comply with the provisions of §1700.15(a), (b) and (c).

(29) *Methacrylic acid.*Except as provided in the following sentence, liquid household products containing more than 5 percent methacrylic acid (weight-to-volume) in a single retail package shall be packaged in accordance with the provisions of §1700.15(a),(b) and (c). Methacrylic acid products applied by an absorbent material contained inside a dispenser (such as a pen-like marker) are exempt from this requirement provided that: (i) the methacrylic acid is contained by the absorbent material so that no free liquid is within the device, and (ii) under any reasonably foreseeable conditions of use the methacrylic acid will emerge only through the tip of the device.

(30) *Over-the-Counter Drug Products.* (i) Any over-the-counter (OTC) drug product in a dosage form intended for oral administration that contains any active ingredient that was previously available for oral administration only by prescription, and thus was required by paragraph (a)(10) of this section to be in special packaging, shall be packaged in accordance with the provisions of §1700.15(a),(b), and (c). This requirement applies whether or not the amount of that active ingredient in the OTC drug product is different from the amount of that active ingredient in the prescription drug product. This requirement does not apply if the OTC drug product contains only active ingredients of any oral drug product or products approved for OTC marketing based on an application for OTC marketing submitted to the Food and Drug Administration (FDA) by any entity before January 29, 2002. Notwithstanding the foregoing, any special packaging requirement under this §1700.14 otherwise applicable to an OTC drug product remains in effect.

(ii) For purposes of this paragraph (30), *active ingredient* means any component that is intended to furnish pharmacological activity or other direct effect in the diagnosis, cure, mitigation, treatment, or prevention of disease or to affect the structure or any function of the body of humans; and *drug product* means a finished dosage form, for example, tablet, capsule, or solution, that contains a drug substance (active ingredient), generally, but not necessarily, in association with one or more other ingredients. (These terms

are intended to have the meanings assigned to them in the regulations of the Food and Drug Administration appearing at 21 CFR 201.66 (2001) and 21 CFR 314.3 (2000), respectively.)

(31) *Hazardous substances containing low-viscosity hydrocarbons.* All prepackaged nonemulsion-type liquid household chemical products that are hazardous substances as defined in the Federal Hazardous Substances Act (FHSA) (15 U.S.C. 1261(f)), and that contain 10 percent or more hydrocarbons by weight and have a viscosity of less than 100 SUS at 100 °F, shall be packaged in accordance with the provisions of § 1700.15(a), (b), and (c), except for the following:

(i) Products in packages in which the only non-child-resistant access to the contents is by a spray device (*e.g.*, aerosols, or pump-or trigger-actuated sprays where the pump or trigger mechanism has either a child-resistant or permanent attachment to the package).

(ii) Writing markers and ballpoint pens exempted from labeling requirements under the FHSA by 16 CFR 1500.83.

(iii) Products from which the liquid cannot flow freely, including but not limited to paint markers and battery terminal cleaners. For purposes of this requirement, hydrocarbons are defined as substances that consist solely of carbon and hydrogen. For products that contain multiple hydrocarbons, the total percentage of hydrocarbons in the product is the sum of the percentages by weight of the individual hydrocarbon components.

(32) *Drugs and cosmetics containing low-viscosity hydrocarbons.* All prepackaged nonemulsion-type liquid household chemical products that are drugs or cosmetics as defined in the Federal Food, Drug, and Cosmetics Act (FDCA) (21 U.S.C. 321(a)), and that contain 10 percent or more hydrocarbons by weight and have a viscosity of less than 100 SUS at 100 °F, shall be packaged in accordance with the provisions of § 1700.15(a), (b), and (c), except for the following:

(i) Products in packages in which the only non-child-resistant access to the contents is by a spray device (*e.g.*, aerosols, or pump-or trigger-actuated sprays where the pump or trigger mechanism has either a child-resistant or permanent attachment to the package).

(ii) Products from which the liquid cannot flow freely, including but not limited to makeup removal pads. For the purposes of this requirement, hydrocarbons are defined as substances that consist solely of carbon and hydrogen. For products that contain multiple hydrocarbons, the total percentage of hydrocarbons in the product is the sum of the percentages by weight of the individual hydrocarbon components.

(33) *Imidazolines.* Any over-the-counter or prescription product containing the equivalent of 0.08 milligrams or more of an imidazoline (tetrahydrozoline, naphazoline, oxymetazoline, or xylometazoline) in a single package, must be packaged in accordance with the provisions of § 1700.15(a), (b), and (c).

(b) *Sample packages.* (1) The manufacturer or packer of any of the substances listed under paragraph (a) of this section as substances requiring special packaging shall provide the Commission with a sample of each type of special packaging, as well as the labeling for each size product that will be packaged in special packaging and the labeling for any noncomplying package. Sample packages and labeling should be sent to the Consumer Product Safety Commission, Office of Compliance, 4330 East West Highway, Washington, DC 20207.

(2) Sample packages should be submitted without contents when such contents are unnecessary for demonstrating the effectiveness of the packaging.

(3) Any sample packages containing drugs listed under paragraph (a) of this section shall be sent by registered mail.

(4) As used in paragraph (b)(1) of this section, the term *manufacturer or packer* does not include pharmacists and other individuals who dispense, at the retail or user level, drugs listed under paragraph (a) of this section as requiring special packaging.

(c) *Applicability.* Special packaging standards for drugs listed under paragraph (a) of this section shall be in addition to any packaging requirements of the Federal Food, Drug, and Cosmetic Act or regulations promulgated thereunder or of any official compendia recognized by that act.

(Pub. L. 91–601, secs. 2(4), 3, 5, 85 Stat. 1670–72; 15 U.S.C. 1471(4), 1472, 1474; Pub. L. 92–573, 86 Stat. 1231; 15 U.S.C. 2079(a))

[38 FR 21247, Aug. 7, 1973]

EDITORIAL NOTE: For FEDERAL REGISTER citations affecting § 1700.14, see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and at *www.govinfo.gov*.

§ 1700.15 Poison prevention packaging standards.

To protect children from serious personal injury or serious illness resulting from handling, using, or ingesting household substances, the Commission has determined that packaging designed and constructed to meet the following standards shall be regarded as ''special packaging'' within the meaning of section 2(4) of the act. Specific application of these standards to substances requiring special packaging is in accordance with § 1700.14.

(a) *General requirements.* The special packaging must continue to function with the effectiveness specifications set forth in paragraph (b) of this section when in actual contact with the substance contained therein. This requirement may be satisfied by appropriate scientific evaluation of the compatibility of the substance with the special packaging to determine that the chemical and physical characteristics of the substance will not compromise or interfere with the proper functioning of the special packaging. The special packaging must also continue to function with the effectiveness specifications set forth in paragraph (b) of this section for the number of openings and closings customary for its size and contents. This requirement may be satisfied by appropriate technical evaluation based on physical wear and stress factors, force required for activation, and other such relevant factors which establish that, for the duration of normal use, the effectiveness specifications of the packaging would not be expected to lessen.

(b) *Effectiveness specifications.* Special packaging, tested by the method described in § 1700.20, shall meet the following specifications:

(1) Child-resistant effectiveness of not less than 85 percent without a demonstration and not less than 80 percent after a demonstration of the proper means of opening such special packaging. In the case of unit packaging, child-resistant effectiveness of not less than 80 percent.

(2) *Ease of adult opening*—(i) *Senior-adult test.* Except for products specified in paragraph (b)(2)(ii) of this section, special packaging shall have a senior adult use effectiveness (SAUE) of not less than 90% for the senior-adult panel test of § 1700.20(a)(3).

(ii) *Younger-adult test*—(A) *When applicable.* Products that must be in aerosol form and products that require metal containers, under the criteria specified below, shall have an effectiveness of not less than 90% for the younger-adult test of § 1700.20(a)(4). The senior-adult panel test of § 1700.20(a)(3) does not apply to these products. For the purposes of this paragraph, metal containers are those that have both a metal package and a recloseable metal closure, and aerosol products are self-contained pressurized products.

(B) *Determination of need for metal or aerosol container—(1) Criteria.* A product will be deemed to require metal containers or aerosol form only if:

(*i*) No other packaging type would comply with other state or Federal regulations,

(*ii*) No other packaging can reasonably be used for the product's intended application,

(*iii*) No other packaging or closure material would be compatible with the substance,

(*iv*) No other suitable packaging type would provide adequate shelf-life for the product's intended use, or

(*v*) Any other reason clearly demonstrates that such packaging is required.

(*2*) *Presumption.* In the absence of convincing evidence to the contrary, a product shall be presumed not to require a metal container if the product,

or another product of identical composition, has previously been marketed in packaging using either a nonmetal package or a nonmetal closure.

(*3*) *Justification.* A manufacturer or packager of a product that is in a metal container or aerosol form that the manufacturer or packager contends is not required to comply with the SAUE requirements of §1700.20(a)(3) shall provide, if requested by the Commission's staff, a written explanation of why the product must have a metal container or be an aerosol. Manufacturers and packagers who wish to do so voluntarily may submit to the Commission's Office of Compliance a rationale for why their product must be in metal containers or be an aerosol. In such cases, the staff will reply to the manufacturer or packager, if requested, stating the staff's views on the adequacy of the rationale.

(c) *Reuse of special packaging.* Special packaging for substances subject to the provisions of this paragraph shall not be reused.

(d) *Restricted flow.* Special packaging subject to the provisions of this paragraph shall be special packaging from which the flow of liquid is so restricted that not more than 2 milliliters of the contents can be obtained when the inverted, opened container is taken or squeezed once or when the container is otherwise activated once.

(Secs. 2(4), 3, 5, 84 Stat. 1670–72; 15 U.S.C. 1471(4), 1472, 1474)

[38 FR 21247, Aug. 7, 1973, as amended at 60 FR 37734, July 21, 1995]

§ 1700.20 Testing procedure for special packaging.

(a) *Test protocols*—(1) *General requirements*—(i) *Requirements for packaging.* As specified in §1700.15(b), special packaging is required to meet the child test requirements and the applicable adult test requirements of this §1700.20.

(ii) *Condition of packages to be tested*—(A) *Tamper-resistant feature.* Any tamper-resistant feature of the package to be tested shall be removed prior to testing unless it is part of the package's child-resistant design. Where a package is supplied to the consumer in an outer package that is not part of the package's child-resistant design, one of the following situations applies:

(*1*) In the child test, the package is removed from the outer package, and the outer package is not given to the child.

(*2*) In both the adult tests, if the outer package bears instructions for how to open or properly resecure the package, the package shall be given to the test subject in the outer package. The time required to remove the package from the outer package is not counted in the times allowed for attempting to open and, if appropriate, reclose the package.

(*3*) In both the adult tests, if the outer package does not bear any instructions relevant to the test, the package will be removed from the outer package, and the outer package will not be given to the test subject.

(B) *Reclosable packages—adult tests.* In both the adult tests, reclosable packages, if assembled by the testing agency, shall be properly secured at least 72 hours prior to beginning the test to allow the materials (e.g., the closure liner) to ''take a set.'' If assembled by the testing agency, torque-dependent closures shall be secured at the same on-torque as applied on the packaging line. Application torques must be recorded in the test report. All packages shall be handled so that no damage or jarring will occur during storage or transportation. The packages shall not be exposed to extreme conditions of heat or cold. The packages shall be tested at room temperature.

(2) *Child test*—(i) *Test subjects*—(A) *Selection criteria.* Use from 1 to 4 groups of 50 children, as required under the sequential testing criteria in table 1. No more than 20% of the children in each group shall be tested at or obtained from any given site. Each group of children shall be randomly selected as to age, subject to the limitations set forth below. Thirty percent of the children in each group shall be of age 42–44 months, 40% of the children in each group shall be of age 45–48 months, and 30% of the children in each group shall be of age 49–51 months. The children's ages in months shall be calculated as follows:

(*1*) Arrange the birth date and test date by the numerical designations for month, day, and year (e.g., test date: 8/3/1990; birth date: 6/23/1986).

(*2*) Subtract the month, day, and year numbers for the birth date from the respective numbers for the test date. This may result in negative numbers for the months or days. (e.g.,

$$\begin{array}{r} 8 / 03 / 1990 \\ -6 / 23 / 1986 \\ \hline 2 \quad -20 \quad\quad 4 \end{array}$$

(*3*) Multiply the difference in years by 12 to obtain the number of months in the difference in years, and add this value to the number of months that was obtained when the birth date was subtracted from the test date (i.e., $4 \times 12 = 48$; $48 + 2 = 50$). This figure either will remain the same or be adjusted up or down by 1 month, depending on the number of days obtained in the subtraction of the birth date from the test date.

(*4*) If the number of days obtained by subtracting the days in the birth date from the days in the test date is + 16 or more, 1 month is added to the number of months obtained above. If the number of days is −16 or less, subtract 1 month. If the number of days is between −15 and + 15 inclusive, no change is made in the number of months. Thus, for the example given above, the number of days is −20, and the number of months is therefore $50 - 1 = 49$ months.

(B) *Gender distribution.* The difference between the number of boys and the number of girls in each age range shall not exceed 10% of the number of children in that range. The children selected should have no obvious or overt physical or mental handicap. A parent or guardian of each child shall read and sign a consent form prior to the child's participation. (The Commission staff will not disregard the results of tests performed by other parties simply because informed consent for children is not obtained.)

(ii) *Test failures.* A test failure shall be any child who opens the special packaging or gains access to its contents. In the case of unit packaging, however, a test failure shall be any child who opens or gains access to the number of individual units which constitute the amount that may produce serious personal injury or serious illness, or a child who opens or gains access to more than 8 individual units, whichever number is lower, during the full 10 minutes of testing. The number of units that a child opens or gains access to is interpreted as the individual units from which the product has been or can be removed in whole or in part. The determination of the amount of a substance that may produce serious personal injury or serious illness shall be based on a 25-pound (11.4 kg) child. Manufacturers or packagers intending to use unit packaging for a substance requiring special packaging are requested to submit such toxicological data to the Commission's Office of Compliance.

(iii) *Sequential test.* The sequential test is initially conducted using 50 children, and, depending on the results, the criteria in table 1 determine whether the package is either child-resistant or not child-resistant or whether further testing is required. Further testing is required if the results are inconclusive and involves the use of one or more additional groups of 50 children each, up to a maximum of 200 children. No individual shall administer the test to more than 30% of the children tested in each group. Table 1 gives the acceptance (pass), continue testing, and rejection (fail) criteria to be used for the first 5 minutes and the full 10 minutes of the children's test. If the test continues past the initial 50-child panel, the package openings shown in table 1 are cumulative.

TABLE 1—NUMBER OF OPENINGS: ACCEPTANCE (PASS), CONTINUE TESTING, AND REJECTION (FAIL) CRITERIA FOR THE FIRST 5 MINUTES AND THE FULL 10 MINUTES OF THE CHILDREN'S PROTOCOL TEST

Test panel	Cumulative number of children	Package openings					
		First 5 minutes			Full 10 minutes		
		Pass	Continue	Fail	Pass	Continue	Fail
1	50	0–3	4–10	11 +	0–5	6–14	15 +

TABLE 1—NUMBER OF OPENINGS: ACCEPTANCE (PASS), CONTINUE TESTING, AND REJECTION (FAIL) CRITERIA FOR THE FIRST 5 MINUTES AND THE FULL 10 MINUTES OF THE CHILDREN'S PROTOCOL TEST—Continued

Test panel	Cumulative number of children	Package openings					
		First 5 minutes			Full 10 minutes		
		Pass	Continue	Fail	Pass	Continue	Fail
2	100	4–10	11–18	19 +	6–15	16–24	25 +
3	150	11–18	19–25	26 +	16–25	26–34	35 +
4	200	19–30	.....	31 +	26–40	.....	41 +

(iv) *Test procedures.* The children shall be divided into groups of two. The testing shall be done in a location that is familiar to the children, for example, their customary nursery school or regular kindergarten. No child shall test more than two special packages. When more than one special package is being tested, each package shall be of a different ASTM type and they shall be presented to the paired children in random order. This order shall be recorded. The children shall be tested by the procedure incorporated in the following test instructions:

STANDARDIZED CHILD TEST INSTRUCTIONS

1. Reclosable packages, if assembled by the testing agency, shall be properly secured at least 72 hours prior to the opening described in instruction number 3 to allow the materials (e.g., the closure liner) to ''take a set.'' Application torques must be recorded in the test report.

2. All packages shall be handled so that no damage or jarring will occur during storage or transportation. The packages shall not be exposed to extreme conditions of heat or cold. The packages shall be tested at room temperature.

3. Reclosable packages shall be opened and properly resecured one time (or more if appropriate), by the testing agency or other adult prior to testing. The opening and resecuring shall not be done in the presence of the children. (In the adult-resecuring test, the tester must not open and resecure the package prior to the test.) If multiple openings/resecurings are to be used, each of four (4) testers shall open and properly resecure one fourth of the packages once and then shall open and properly resecure each package a second, third, fourth, through tenth (or other specified number) time, in the same sequence as the first opening and resecuring. The packages shall not be opened and resecured again prior to testing. The name of each tester and the package numbers that he/she opens and resecures shall be recorded and reported. It is not necessary for the testers to protocol test the packages that they opened and resecured.

4. The children shall have no overt physical or mental handicaps. No child with a permanent or temporary illness, injury, or handicap that would interfere with his/her effective participation shall be included in the test.

5. The testing shall take place in a well-lighted location that is familiar to the children and that is isolated from all distractions.

6. The tester, or another adult, shall escort a pair of children to the test area. The tester shall seat the two children so that there is no visual barrier between the children and the tester.

7. The tester shall talk to the children to make them feel at ease.

8. The children shall not be given the impression that they are in a race or contest. They are not to be told that the test is a game or that it is fun. They are not to be offered a reward.

9. The tester shall record all data prior to, or after, the test so that full attention can be on the children during the test period.

10. The tester shall use a stopwatch(s) or other timing devices to time the number of seconds it takes the child to open the package and to time the 5-minute test periods.

11. To begin the test, the tester shall hand the children identical packages and say, ''PLEASE TRY TO OPEN THIS FOR ME.''

12. If a child refuses to participate after the test has started, the tester shall reassure the child and gently encourage the child to try. If the child continues to refuse, the tester shall ask the child to hold the package in his/her lap until the other child is finished. This pair of children shall not be eliminated from the results unless the refusing child disrupts the participation of the other child.

13. Each child shall be given up to 5 minutes to open his/her package. The tester shall watch the children at all times during the test. The tester shall minimize conversation with the children as long as they continue to attempt to open their packages. The tester shall not discourage the children verbally or with facial expressions. If a child gets frustrated or bored and stops trying to

open his/her package, the tester shall reassure the child and gently encourage the child to keep trying (e.g., ''please try to open the package'').

14. The children shall be allowed freedom of movement to work on their packages as long as the tester can watch both children (e.g., they can stand up, get down on the floor, or bang or pry the package).

15. If a child is endangering himself or others at any time, the test shall be stopped and the pair of children eliminated from the final results.

16. The children shall be allowed to talk to each other about opening the packages and shall be allowed to watch each other try to open the packages.

17. A child shall not be allowed to try to open the other child's package.

18. If a child opens his/her package, the tester shall say, ''THANK YOU,'' take the package from the child and put it out of the child's reach. The child shall not be asked to open the package a second time.

19. At the end of the 5-minute period, the tester shall demonstrate how to open the package if either child has not opened his or her package. A separate ''demo'' package shall be used for the demonstration.

20. Prior to beginning the demonstration, the tester shall ask the children to set their packages aside. The children shall not be allowed to continue to try to open their packages during the demonstration period.

21. The tester shall say, ''WATCH ME OPEN MY PACKAGE.''

22. Once the tester gets the children's full attention, the tester shall hold the demo package approximately two feet from the children and open the package at a normal speed as if the tester were going to use the contents. There shall be no exaggerated opening movements.

23. The tester shall not discuss or describe how to open the package.

24. To begin the second 5-minute period, the tester shall say, ''NOW YOU TRY TO OPEN YOUR PACKAGES.''

25. If one or both children have not used their teeth to try to open their packages during the first 5 minutes, the tester shall say immediately before beginning the second 5-minute period, ''YOU CAN USE YOUR TEETH IF YOU WANT TO.'' This is the only statement that the tester shall make about using teeth.

26. The test shall continue for an additional 5 minutes or until both children have opened their packages, whichever comes first.

27. At the end of the test period, the tester shall say, ''THANK YOU FOR HELPING.'' If children were told that they could use their teeth, the tester shall say, ''I KNOW I TOLD YOU THAT YOU COULD USE YOUR TEETH TODAY, BUT YOU SHOULD NOT PUT THINGS LIKE THIS IN YOUR MOUTH AGAIN'' In addition, the tester shall say, ''NEVER OPEN PACKAGES LIKE THIS WHEN YOU ARE BY YOURSELF. THIS KIND OF PACKAGE MIGHT HAVE SOMETHING IN IT THAT WOULD MAKE YOU SICK.''

28. The children shall be escorted back to their classroom or other supervised area by the tester or another adult.

29. If the children are to participate in a second test, the tester shall have them stand up and stretch for a short time before beginning the second test. The tester shall take care that the children do not disrupt other tests in progress.

(3) *Senior-adult panel*—(i) *Test subjects.* Use a group of 100 senior adults. Not more than 24% of the senior adults tested shall be obtained from or tested at any one site. Each group of senior adults shall be randomly selected as to age, subject to the limitations set forth below. Twenty-five percent of the participants shall be 50–54 years of age, 25% of participants shall be 55–59 years of age, and 50% of the participants shall be 60–70 years old. Seventy percent of the participants of ages 50–59 and ages 60–70 shall be female (17 or 18 females shall be apportioned to the 50–54 year age group). No individual tester shall administer the test to more than 35% of the senior adults tested. The adults selected should have no obvious or overt physical or mental disability.

(ii) *Screening procedures.* Participants who are unable to open the packaging being tested in the first 5-minute time period, are given a screening test. The screening tests for this purpose shall use two packages with conventional (not child-resistant (CR) or ''special'') closures. One closure shall be a plastic snap closure and the other a CT plastic closure. Each closure shall have a diameter of 28 mm±18%, and the CT closures shall have been resecured 72 hours before testing at 10 inch-pounds of torque. The containers for both the snap- and CT-type closures shall be round plastic containers, in sizes of 2 ounce±½ ounce for the CT-type closure and 8 drams±4 drams for the snap-type closure. Persons who cannot open and close both of the screening packages in 1-minute screening tests shall not be counted as participants in the senior-adult panel.

(iii) *SAUE.* The senior adult use effectiveness (SAUE) is the percentage of adults who both opened the package in

the first (5-minute) test period and opened and (if appropriate) properly resecured the package in the 1-minute test period.

(iv) *Test procedures.* The senior adults shall be tested individually, rather than in groups of two or more. The senior adults shall receive only such printed instructions on how to open and properly secure the special packaging as will appear on or accompany the package as it is delivered to the consumer. The senior-adult panel is tested according to the procedure incorporated in the following senior-adult panel test instructions:

TEST INSTRUCTIONS FOR SENIOR TEST

The following test instructions are used for all senior tests. If non-reclosable packages are being tested, the commands to close the package are eliminated.

1. No adult with a permanent or temporary illness, injury, or disability that would interfere with his/her effective participation shall be included in the test.

2. Each adult shall read and sign a consent form prior to participating. Any appropriate language from the consent form may be used to recruit potential participants. The form shall include the basic elements of informed consent as defined in 16 CFR 1028.116. Examples of the forms used by the Commission staff for testing are shown at §1700.20(d). Before beginning the test, the tester shall say, ''PLEASE READ AND SIGN THIS CONSENT FORM.'' If an adult cannot read the consent form for any reason (forgot glasses, illiterate, etc.), he/she shall not participate in the test.

3. Each adult shall participate individually and not in the presence of other participants or onlookers.

4. The tests shall be conducted in well-lighted and distraction-free areas.

5. Records shall be filled in before or after the test, so that the tester's full attention is on the participant during the test period. Recording the test times to open and resecure the package are the only exceptions.

6. To begin the first 5-minute test period, the tester says, ''I AM GOING TO ASK YOU TO OPEN AND PROPERLY CLOSE THESE TWO IDENTICAL PACKAGES ACCORDING TO THE INSTRUCTIONS FOUND ON THE CAP.'' (Specify other instruction locations if appropriate.)

7. The first package is handed to the participant by the tester, who says, ''PLEASE OPEN THIS PACKAGE ACCORDING TO THE INSTRUCTIONS ON THE CAP.'' (Specify other instruction locations if appropriate.) If the package contains product, the tester shall say, ''PLEASE EMPTY THE (PILLS, TABLETS, CONTENTS, etc.) INTO THIS CONTAINER.'' After the participant opens the package, the tester says, ''PLEASE CLOSE THE PACKAGE PROPERLY, ACCORDING TO THE INSTRUCTIONS ON THE CAP.'' (Specify other instruction locations if appropriate)

8. Participants are allowed up to 5 minutes to read the instructions and open and close the package. The tester uses a stopwatch(s) or other timing device to time the opening and resecuring times. The elapsed times in seconds to open the package and to close the package are recorded on the data sheet as two separate times.

9. After 5 minutes, or when the participant has opened and closed the package, whichever comes first, the tester shall take all test materials from the participant. The participant may remove and replace the closure more than once if the participant initiates these actions. If the participant does not open the package and stops trying to open it before the end of the 5-minute period, the tester shall say, ''ARE YOU FINISHED WITH THAT PACKAGE, OR WOULD YOU LIKE TO TRY AGAIN?'' If the participant indicates that he/she is finished or cannot open the package and does not wish to continue trying, skip to Instruction 13.

10. To begin the second test period, the tester shall give the participant another, but identical, package and say, ''THIS IS AN IDENTICAL PACKAGE. PLEASE OPEN IT ACCORDING TO THE INSTRUCTIONS ON THE CAP.'' (Specify other instruction locations if appropriate.) If the package contains product, the tester shall say, ''PLEASE EMPTY THE (PILLS, TABLETS, CONTENTS, etc.) INTO THIS CONTAINER.'' After the participant opens the package, the tester says, ''PLEASE CLOSE THE PACKAGE PROPERLY, ACCORDING TO THE INSTRUCTIONS ON THE CAP.'' (Specify other instruction locations if appropriate.)

11. The participants are allowed up to 1 minute (60 full seconds) to open and close the package. The elapsed times in seconds to open and to close the package are recorded on the data sheet as two separate times. The time that elapses between the opening of the package and the end of the instruction to close the package is not counted as part of the 1-minute test time.

12. After the 1-minute test, or when the participant has opened and finished closing the package, whichever comes first, the tester shall take all the test materials from the participant. The participant shall not be allowed to handle the package again. If the participant does not open the package and stops trying to open it before the end of the 1-minute period, the tester shall say, ''ARE YOU FINISHED WITH THAT PACKAGE, OR WOULD YOU LIKE TO TRY AGAIN?'' If the participant indicates that he/she is finished or cannot open the package and does not

wish to continue trying, this shall be counted as a failure of the 1-minute test.

13. Participants who do not open the package in the first 5-minute test period are asked to open and close two non-child-resistant screening packages. The participants are given a 1-minute test period for each package. The tester shall give the participant a package and say, ''PLEASE OPEN AND PROPERLY CLOSE THIS PACKAGE.'' The tester records the time for opening and closing, or 61 seconds, whichever is less, on the data sheet. The tester then gives the participant the second package and says, ''PLEASE OPEN AND PROPERLY CLOSE THIS PACKAGE.'' The time to open and resecure, or 61 seconds, whichever is less, shall be recorded on the data sheet.

14. Participants who cannot open and resecure both of the non-child-resistant screening packages are not counted as part of the 100-seniors panel. Additional participants are selected and tested.

15. No adult may participate in more than two tests per sitting. If a person participates in two tests, the packages tested shall not be the same ASTM type of package.

16. If more adults in a sex or age group are tested than are necessary to determine SAUE, the last person(s) tested shall be eliminated from that group.

(4) *Younger-adult panel.* (i) One hundred adults, age 18 to 45 inclusive, with no overt physical or mental handicaps, and 70% of whom are female, shall comprise the test panel for younger adults. Not more than 35% of adults shall be obtained or tested at any one site. No individual tester shall administer the test to more than 35% of the adults tested. The adults shall be tested individually, rather than in groups of two or more. The adults shall receive only such printed instructions on how to open and properly resecure the special packaging as will appear on the package as it is delivered to the consumer. Five minutes shall be allowed to complete the opening and, if appropriate, the resecuring process.

(ii) Records shall be kept of the number of adults unable to open and of the number of the other adults tested who fail to properly resecure the special packaging. The number of adults who successfully open the special packaging and then properly resecure the special packaging (if resecuring is appropriate) is the percent of adult-use effectiveness of the special packaging. In the case of unit packaging, the percent of adult-use effectiveness shall be the number of adults who successfully open a single (unit) package.

(b) The standards published as regulations issued for the purpose of designating particular substances as being subject to the requirements for special packaging under the act will stipulate the percent of child-resistant effectiveness and adult-use effectiveness required for each and, where appropriate, will include any other conditions deemed necessary and provided for in the act.

(c) It is recommended that manufacturers of special packaging, or producers of substances subject to regulations issued pursuant to the act, submit to the Commission summaries of data resulting from tests conducted in accordance with this protocol.

(d) *Recommendations.* The following instructions and procedures, while not required, are used by the Commission's staff and are recommended for use where appropriate.

(1) *Report format for child test.*

A. IDENTIFICATION

1. Close-up color photographs(s) clearly identifying the package and showing the opening instructions on the closure.
2. Product name and the number of tablets or capsules in the package.
3. Product manufacturer.
4. Closure model (trade name—e.g., ''KLIK & SNAP'').
5. Closure size (e.g., 28 mm).
6. Closure manufacturer.
7. Closure material and color(s) (e.g., white polypropylene).
8. Closure liner material.
9. TAC seal material.
10. Opening instructions (quote exactly, e.g., ''WHILE PUSHING, DOWN, TURN RIGHT''). Commas are used to separate words that are on different lines.
11. Symbols, numbers, and letters found inside the closure.
12. Package model.
13. Package material and color.
14. Net contents.
15. Symbols, numbers, and letters on the bottom of the package.
16. Other product identification, e.g., EPA Registration Number.

B. PROCEDURES

1. Describe all procedures for preparing the test packages.
2. Describe the testing procedures.
3. Describe all instructions given to the children.
4. Define an individual package failure.

C. RESULTS

1. Openings in each 5-minute period and total openings for males and for females in each age group.
2. Opening methods (e.g., normal opening, teeth, etc.).
3. Mean opening times and standard deviation for each 5-minute test period.
4. The percentage of packages tested at each site as a percentage of total packages.
5. The percentage of packages tested by each tester as a percentage of total packages.
6. Child-resistant effectiveness for the first 5-minute period and for the total test period.

(2) *Standardized adult-resecuring test instructions.* CPSC will use the adult-resecuring test where an objective determination (e.g., visual or mechanical) that a package is properly resecured cannot be made. The adult-resecuring test is performed as follows:

ADULT-RESECURING PROCEDURE

1. After the adult participant in either the senior-adult test of 16 CFR 1700.20(a)(3) or the younger-adult test of 16 CFR 1700.20(a)(4) has resecured the package, or at the end of the test period (whichever comes first), the tester shall take the package and place it out of reach. The adult participant shall not be allowed to handle the package again.
2. The packages that have been opened and appear to be resecured by adults shall be tested by children according to the child-test procedures to determine if the packages have been properly resecured. The packages are given to the children without being opened or resecured again for any purpose.
3. Using the results of the adult tests and the tests of apparently-resecured packaging by children, the adult use effectiveness is calculated as follows:

a. *Adult use effectiveness.*

1. The number of adult opening and resecuring failures, plus the number of packages that were opened by the children during the full 10-minute test that exceeds 20% of the apparently-resecured packages, equals the total number of failures.
2. The total number of packages tested by adults (which is 100) minus the total number of failures equals the percent adult-use effectiveness.

(3) *Report format for adult-resecuring test.*

A. IDENTIFICATION

1. Close-up color photograph(s) clearly identifying the package and showing the top of the closure.
2. Product name and the number of tablets or capsules in the package.
3. Product manufacturer.
4. Closure model (trade name).
5. Closure size (e.g., 28 mm).
6. Closure manufacturer.
7. Closure material and color(s) (e.g., white polypropylene)
8. Closure liner material.
9. Symbols, numbers, and letters found inside the closure.
10. TAC seal material.
11. Opening instructions (Quote exactly, e.g., ''WHILE PUSHING, DOWN, TURN RIGHT''). Commas are used to separate words that are on different lines.
12. Package model.
13. Package material and color.
14. Net contents.
15. Symbols, numbers, and letters on the bottom of the package.
16. Other product identification, e.g., EPA Registration Number.

B. PROCEDURES

1. Describe all procedures for preparing the test packages.
2. Describe the testing procedures in detail.
3. Describe all instructions given to participants.
4. Define an individual package failure and the procedures for determining a failure.

C. RESULTS

ADULT TEST

1. Total packages opened and total packages resecured; packages opened by males and by females; and packages resecured by males and by females.
2. Mean opening times and standard deviation for total openings, total openings by females, and total openings by males.
3. Mean resecuring times and standard deviation for total resecurings, total resecurings by females and total resecurings by males.
4. The percentage of packages tested at each site as a percentage of total packages.
5. The percentage of packages tested by each tester as a percentage of total packages.
6. Methods of opening (e.g., normal opening, pried closure off, etc.)

CHILD TEST

1. Openings in each 5-minute period, and total openings, for males and females in each age group.
2. Opening methods.
3. Mean opening times and standard deviation for each 5-minute test period.
4. The percentage of packages tested at each site as a percentage of total packages.
5. The percentage of packages tested by each tester as a percentage of total packages.

(4) Consent forms. The Commission uses the following consent forms for senior-adult testing reclosable and unit-dose packaging, respectively.

1. *Reclosable packages.*

[Testing Organization's Letterhead]

CHILD-RESISTANT PACKAGE TESTING

The U.S. Consumer Product Safety Commission is responsible for testing child-resistant packages to make sure they protect young children from medicines and dangerous household products. With the help of people like you, manufacturers are able to improve the packages we use, keeping the contents safe from children but easier for the rest of us to open.

Effective child-resistant packages have prevented thousands of poisonings since the Poison Prevention Act was passed in 1970. The use of child-resistant packages on prescription medicines alone may have saved the lives of over 350 children since 1974.

As part of this program, we are testing a child-resistant package to determine if it can be opened and properly closed by an adult who is between 50 and 70 years of age. You may or may not be familiar with the packages we are testing. Take your time, and please do not feel that you are being tested—we are testing the package, not you.

Description of the Test

1. I will give you a package and ask you to read the instructions and open and properly close the package.
2. I will then give you an identical package, and ask you to open and properly close it.
3. I may ask you to open some other types of packages.
4. The packages may be empty or they may contain a product.
5. I will ask you whether you think the child-resistant package was easy or hard to use.

CONSENT FORM FOR CHILD-RESISTANT PACKAGE TESTING

The Consumer Product Safety Commission has been using contractors to test child-resistant packages for many years with no injuries to anyone, although it is possible that a minor injury could happen.

I agree to test a child-resistant package. I understand that I can change my mind at any time. I am between the ages of 50 and 70, inclusive.

Birthdate _____
Signature _____
Date _____
Zip Code _____

Office Use

Site: _____
Sample Number: _____
Test Number: _____
Package Number: _____

2. *Unit-dose packages.*

[Testing Organization's Letterhead]

UNIT DOSE CHILD-RESISTANT PACKAGE TESTING

The U.S. Consumer Product Safety Commission is responsible for testing child-resistant packages to make sure they protect young children from medicines and dangerous household products. With the help of people like you, manufacturers are able to improve the packages we use, keeping the contents safe from children but easier for the rest of us to open.

Effective child-resistant packages have prevented thousands of poisonings since the Poison Prevention Act was passed in 1970.

The use of child-resistant packages on prescription medicines alone may have saved the lives of over 350 children since 1974.

As part of this program, we are testing a child-resistant package to determine if it can be opened by an adult who is between 50 and 70 years of age. You may or may not be familiar with the packages we are testing. Take your time, and please do not feel that you are being tested—we are testing the package, not you.

Description of the Test

1. I will give you a package and ask you to read the instructions, open one unit, and remove the contents.
2. I will then give you an identical package, and ask you to open one unit and remove the contents.
3. I may ask you to open some other types of packages.
4. I will ask you whether you think the child-resistant package was easy or hard to use.

CONSENT FORM FOR CHILD-RESISTANT PACKAGE TESTING

The Consumer Product Safety Commission has been using contractors to test child-resistant packages for many years with no injuries to anyone, although it is possible that a minor injury could happen.

I agree to test a child-resistant package. I understand that I can change my mind at any time. I am between the ages of 50 and 70, inclusive.

Birthdate _____
Signature _____
Date _____
Zip Code _____

Office Use

Site: _____
Sample Number: _____
Test Number: _____
Package Number: _____

[38 FR 21247, Aug. 7, 1973, as amended at 60 FR 37735, 37738, July 22, 1995]

PART 1701—STATEMENTS OF POLICY AND INTERPRETATION

Sec.

§ 1701.1 Special packaging for substances subject to a standard that are distributed to pharmacies to be dispensed pursuant to an order of a licensed medical practitioner.

(a) In order to assist manufacturers of prescription drugs in discharging their responsibilities under the act concerning such drugs that are distributed to pharmacies, the Consumer Product Safety Commission has codified this statement of its policy concerning which prescription drug packages supplied by manufacturers to pharmacies must comply with the ''special'' (child-resistant) packaging requirements contained in 16 CFR 1700.15.

(b) Manufacturers of prescription drugs may package such drugs for distribution to pharmacies in different types of packages, depending on whether the manufacturer intends that the package will be the one in which the drug is ultimately given to the consumer or whether it is intended that the pharmacist will repackage the drug before it is dispensed to the consumer. If the drug is supplied in a bulk package from which individual prescriptions are intended to be repackaged by the pharmacist, the manufacturer need not utilize special packaging. However, the Commission interprets the provision of the act as requiring that all prescription drugs subject to a special packaging standard that are distributed to pharmacies shall be in special packaging if the immediate package in which the drugs are distributed by the manufacturer is intended to be the package in which the drugs are dispensed to the consumer. Examples of such packages include mnemonic dispensing devices; dropper bottles; packages with ''tear off'' labels; packages which incorporate ancillary instructions for consumer handling, storage, or use on permanently affixed portions of their labels; and products intended to be reconstituted in their original containers. The Commission believes that this interpretation is necessary in order to insure that the pharmacist will actually dispense the drug in the proper package. If the pharmacist receives a request from the consumer or an order from the prescribing medical practitioner for conventional (noncomplying) packaging, section 4(b) of the act permits the pharmacist to convert the package to conventional packaging or repackage the drug in conventional packaging.

(c) Manufacturers should also note that section 4(a) of the act (which allows a product to be marketed in noncomplying packaging of a single size under certain circumstances) does not apply to prescription drugs subject to section 4(b) of the act. Thus, since the section 4(a) single-size exemption for over-the-counter drugs and other household substances does not apply to prescription drugs, every unit of a prescription drug subject to a special packaging standard which is distributed to a pharmacy in a package intended by the manufacturer to be dispensed to a consumer shall be in special packaging.

(d) Nothing in this statement of policy and interpretation should be interpreted as relieving the pharmacist of the responsibility of insuring that all prescription drugs subject to a special packaging standard are dispensed to the consumer in special packaging unless otherwise ordered by the prescribing practitioner or otherwise requested by the consumer.

(Secs. 2–4, Pub. L. 91–601, 84 Stat. 1670, 1671 (15 U.S.C. 1471–1473); sec. 701(a), 52 Stat. 1055 (21 U.S.C. 371(a))

[43 FR 11980 Mar. 23, 1978]

§ 1701.3 Applicability of special packaging requirements to hazardous substances in large size containers.

The special packaging requirements of the PPPA apply to ''household substances'' for which the Commission has determined there is a need for special packaging, as provided in section 3 of the act (15 U.S.C. 1472). At section 2(2) of the act (15 U.S.C. 1471) (restated at 16

CFR 1700.1(b)(2)), the term *household substance* is defined as ''any substance which is customarily produced or distributed for sale for consumption or use, or customarily stored, by individuals in or about the household * * *.'' The Commission has issued requirements for special packaging for certain hazardous substances at 16 CFR 1700.14(a). Unless otherwise indicated in the requirements for specific hazardous substances, the Commission interprets the term ''household substance'' as only applying to these hazardous substances when packaged in containers with a capacity of less than 5 gallons. As a result, unless otherwise specified, the hazardous substances at 16 CFR 1700.14(a) are not required to be in special packaging when packaged in containers of 5 gallons or more.

(Secs. 2, 5, 7, 9, Pub. L. 91–601; 94 Stat. 1670–1674 (15 U.S.C. 1471, 1474, 1476, 1478); sec. 30(a), Pub. L. 92–573, 86 Stat. 1231 (15 U.S.C. 2079(a))

[43 FR 53712, Nov. 17, 1978]

PART 1702—PETITIONS FOR EXEMPTIONS FROM POISON PREVENTION PACKAGING ACT REQUIREMENTS; PETITION PROCEDURES AND REQUIREMENTS

Sec.

AUTHORITY: 15 U.S.C. 1471(4), 1472, 1474, 1269(a), 2079(a); 21 U.S.C. 371(a).

SOURCE: 45 FR 13064, Feb. 28, 1980, unless otherwise noted.

§ 1702.1 Purpose and policy.

(a) Section 1700.14(a) of part 1700 lists household substances the Consumer Product Safety Commission requires, under section 3(a)(1) of the Poison Prevention Packaging Act of 1970, 15 U.S.C. 1472, to be contained in special packaging to protect children from serious personal injury or serious illness resulting from handling, using, or ingesting such substances. There may be occasions, however, when the Commission determines that a particular substance should be exempt from special packaging requirements.

(b) The Commission may, either on its own initiative or upon the petition of any interested person, amend the regulation at §1700.14(a) by exempting a substance or category of substances from special packaging requirements. The purpose of these rules is to provide procedures and requirements for submitting petitions for exemption from special packaging requirements.

§ 1702.2 Procedural requirements and recommendations.

(a) *Requirements.* To be considered a petition for exemption from special packaging requirements under this part a document filed under this part must:

(1) Be mailed to the Office of the Secretary, Consumer Product Safety Commission, Washington, D.C. 20207, or delivered to the Office of the Secretary, Consumer Product Safety Commission, 4330 East West Highway, Bethesda, MD 20814,

(2) Be written in the English language,

(3) Contain the name and address of the petitioner,

(4) Contain an explicit request for exemption from special packaging requirements,

(5) Identify the category of substances under §1700.14(a) from which the exemption is sought, and

(6) Identify the particular substance for which the exemption is sought.

(b) *Failure to meet requirements.* Where a submission fails to meet all of the requirements of paragraph (a) of this section, the Office of the Secretary shall notify the person submitting it, describe the deficiency, and explain that the petition may be resubmitted when the deficiency is corrected.

(c) *Procedural recommendations.* The following are procedural recommendations to help the Commission in its consideration of petitions. The Commission requests, but does not require, that petitions filed under this part:

(1) Be typewritten,

(2) Include the word ''petition'' in a heading preceding the text,

(3) Include the telephone number of the petitioner, and

(4) Be accompanied by at least five (5) copies of the petition.

[45 FR 13064, Feb. 28, 1980, as amended at 62 FR 46668, Sept. 4, 1997]

§ 1702.3 Substantive requirements.

(a) A petition filed under this part shall include the information required by this part, or a satisfactory explanation for the absence of the information. As provided by §1702.4, a petition which is not complete may be closed. To be considered complete, a petition shall include the following:

(1) A statement of the justification for the exemption in accordance with §1702.7,

(2) All reasonably available human experience data, reasonably available relevant experimental data (both human and animal), product and packaging specifications, labeling, and marketing history, in accordance with §§1702.8 through 1702.14,

(b) As used in this regulation, ''reasonably available'' information is data in the petitioner's possession; data that has previously been generated by the petitioner, and data that is obtainable from such sources as: Reports from Poison Control Centers; reports of adverse reactions that have been submitted to the petitioner; the medical, pharmacological, and toxicological literature; and information required by the FDA for an Investigational Exemption for a New Drug (IND) or a New Drug Application (NDA).

§ 1702.4 Petitions with insufficient or incomplete information.

If a petition is submitted that is not complete and does not explain the reason for the absence of the information, the Commission shall afford the petitioner a reasonable opportunity to provide additional information. If the required information is not submitted to the Commission, or if the petitioner does not satisfactorily explain the absence of the information within a reasonable time, the petition shall be closed if insufficient or incomplete information has been submitted to enable the Commission to evaluate the merits of the exemption request.

§ 1702.5 Failure to supply adverse information.

Failure to obtain and provide the Commission with all reasonably available information that the petitioner knows is unfavorable or could reasonably expect to be unfavorable to the petition shall result in the denial of the petition.

§ 1702.6 Trade secrets and other confidential information.

Where a petition contains material that the petitioner believes should be exempt from public disclosure under the Freedom of Information Act, 5 U.S.C. 552, the petitioner shall comply with the requirements of 16 CFR part 1015, the Commission's regulation under the Freedom of Information Act concerning requests for treatment as exempt material. The Commission shall act upon any request for treatment as exempt material in accordance with the provisions of 16 CFR part 1015.

§ 1702.7 Justification for the exemption.

The justification for the exemption, required under §1702.3, shall explain the reason for the exemption based on one or more of the following grounds:

(a) If the justification is based on a lack of need for special packaging to protect young children from serious injury or illness from the substance, the justification shall state how the lack of toxicity and lack of adverse human experience for the substance clearly supports granting the exemption.

(b) If the exemption is requested because special packaging is not technologically feasible, practicable, or appropriate for the substance, the justification shall explain why.

(c) If the exemption is requested because special packaging is incompatible with the particular substance, the justification shall explain why.

§ 1702.8 Human experience data.

Human experience data constitutes the primary criterion used by the Commission in evaluating petitions for exemptions. Petitions shall therefore include a compilation of all reasonably available reports pertaining to human use of the particular substance, including the product brand as well as generic equivalents and involving adverse reports of personal injury, illness, and significant allergenicity. Such information in children is of particular importance in evaluating exemption requests. However, similar data in adults shall also be submitted if available. Human experience data may be obtained from such sources as:

(a) Reports from Poison Control Centers,

(b) Reports of adverse reactions relative to the product that have been submitted to the company by physicians, hospitals, consumers, and other sources,

(c) Extensive searches of the medical, pharmacological, and toxicological literature, and

(d) For drugs, where the human experience data submitted is based on data required by FDA to be compiled for an Investigational Exemption for a New Drug (IND), 21 CFR part 312, or a New Drug Application (NDA), 21 CFR part 314, a summary of the relevant data should be provided. The entire NDA and IND material need not be submitted.

§ 1702.9 Relevant experimental data.

Experimental data are generated in both animals and humans in controlled situations in order to evaluate the biological effects of a substance. Certain toxicological effects cannot generally be evaluated in human beings. This is especially true of those substances which are not normally intended to be used in or on the human body or animal body. Therefore, the Commission considers experimental data obtained in animal studies to be an important supplement to such data as may exist from any experimental studies conducted in humans. The minimum toxicological evaluation necessary for a particular household substance is proportional to the expected exposure of man to that substance. Household substances which are not expected, in normal use, to contact man are subject to less extensive studies than those substances, such as drugs, which are designed to be used in or on man. The Commission has, therefore, separated the requirements of this section into three subsections. Section 1702.9(a) lists minimum acute animal toxicity data which shall be submitted, if reasonably available, for all petitions; §1702.9(b) lists those additional data which shall be submitted, if reasonably available, for drug products and all other household substances which are normally intended to be used in or on the human body; and §1702.9(c) lists those additional data which shall be submitted, if reasonably available, by petitioners requesting exemption for substances not intended for use in or on the human or animal body. The Commission emphasizes that, while not absolutely necessary, the types of data outlined in §1702.9(c) may greatly expedite the Commission's evaluation of a particular exemption request.

(a) *General criteria applicable to all petitions.* (1) Each petition for an exemption under this part shall include all reasonably available relevant experimental data relating to the petition regardless of whether such data are unfavorable to the petitioner's request. As used in this part, the term ''relevant experimental data'' includes, but is not limited to, all data, including animal and human studies revealing the nature and degree of the hazard associated with the particular substance. Generally, the hazard associated with the particular substance involves the risk of injury arising from the acute accidental ingestion of a product. Where a hazard different from the risk of injury arising from accidental ingestion is known to exist (e.g., potential for significant allergenicity, dermal or opthalmic injury from handling or

using the product), the petitioner shall also submit all reasonably available relevant experimental data evaluating the nature and degree of any additional hazard(s).

(2) All animal studies submitted in support of exemption requests should be performed in conformity with good pharmacological and toxicological practice which includes, as a minimum, complete descriptions of protocols used in experimental animal studies, and signed laboratory reports which include the following basic information:

(i) An exact description of materials tested;

(ii) A description of test animals employed in studies, including number, age, weight, sex and nutritional state of animals;

(iii) Dosage level(s) and number of animals tested per dosage level;

(iv) Basis upon which dosage was administered (e.g., as salt or base);

(v) Route of administration and dosage volume; and

(vi) Appendices containing all raw data and any additional data generated subsequent to the completion of the original study (e.g., results of histopathological examinations, if performed).

(3) Each petition shall include all reasonably available reports of Median Lethal Dosage (LD50) studies and shall include all raw data obtained in such studies. These studies should normally be conducted in both adult and weanling animals of the same species. The oral route of administration should be followed for studies involving substances subject to regulations promulgated under the Poison Prevention Packaging Act of 1970. Where a percutaneous toxicity hazard exists, the petition shall include reasonably available studies using the percutaneous route of administration. Sufficient dosage levels as well as adequate numbers of test animals per dosage level should be used to give statistical reliability to determined LD50 values.

(4) In view of the fact that LD50 values in themselves do not necessarily reflect a true estimate of the overall toxic potential of a substance, LD50 determinations should, where an LD50 value may be calculated, include:

(i) The LD50 value with 95 percent confidence limits;

(ii) A slope determination for the dose response curve, including 95 percent confidence limits; and

(iii) A description of the statistical method employed in the analysis of such data (with proper citation) as well as the statistical analysis itself.

(5) The Commission shall disregard any data which do not fulfill the strict requirements of the statistical method used in their analyses. Modifications of accepted statistical methods which have been published in the literature are acceptable to the Commission provided that a copy of the published work is submitted.

(6) Acute toxicity studies submitted with petitions should have at least a seven day observation period of test animals. Good pharmacological practice provides that test animals are observed closely for several hours following test substance administration and less frequently on subsequent test days. Succumbing animals should be necropsied as soon as practicable following death, while surviving animals should be necropsied, and gross pathological alterations noted, at the end of the observation period. Documentation of non-lethal effects occurring during these observation periods should be submitted in conjunction with acute toxicity laboratory reports. Documentation of any lethal effects occurring at high dosage levels, including mode of death (e.g., cardiac arrest/respiratory arrest), and time of death should be submitted in conjunction with acute toxicity laboratory reports. Reports of gross necropsies performed upon surviving animals should be submitted, as well as results of necropsies performed upon animals succumbing to the test substance, provided that such animals are examined prior to the onset of autolysis. Results of microscopic examinations, when indicated by the nature or results of an acute toxicity study, shall also be submitted.

(b) *Additional data criteria for petitions involving substances normally used in or on the human or animal body.* (1) Petitioners submitting exemption requests for substances normally used on or

taken into the human body or animal body shall, in addition to the requirements of paragraph (a) of this section submit the following data, where reasonably available:

(i) Summary laboratory reports of data obtained in subacute and chronic animal studies where the data pertain to the absorption, distribution, metabolism and excretion of substances in question;

(ii) A median lethal dosage (LD50) determination conducted in one additional species. Of the two LD50 determinations required for persons submitting exemption requests under this part, one should be conducted in a nonrodent species;

(iii) Summary reports of data obtained in human studies designed to measure the absorption, distribution, metabolism, and excretion of substances in question; and

(iv) Data indicating, insofar as is known, the mechanism of action of the substance in question and the mechanism by which expected toxicological effects occur. If these mechanisms are unknown, the petition should state this.

(2) Petitioners submitting exemption requests for substances normally used on or taken into the human or animal body shall, in addition to the requirements of paragraphs (a) and (b)(1) of this section, submit an evaluation of the pharmacology and toxicology of the substance in question based on reasonably available medical and scientific literature. The evaluation should be a comprehensive one, and should include proper literature citations. To the extent possible, information submitted by the petitioner justifying an exemption based on the medical and scientific literature will be evaluated under the criteria specified in §1702.9(a) for evaluating experimental data. In certain cases where the experimental data specified by §1702.9 (a) and (b) are unavailable, the medical and scientific literature may justify granting an exemption, particularly where the pharmacology and toxicology of the substance is well documented in the literature.

(c) *Optional data criteria for petitions involving substances not used in or on the human or animal body.* The following types of data, although often not generated for household substances not normally used in or on the human or animal body, may be available to a petitioner and should, where reasonably available, be submitted.

(1) Summary laboratory reports of data obtained in subacute and chronic animal studies where such data pertain to the absorption, distribution, metabolism, and excretion of the substance in question;

(2) Results of median lethal dosage (LD50) studies conducted in additional species of animals; and

(3) Any additional experimental studies relevant to the exemption request which would provide the Commission with additional means of assessing the hazards to children of the product for which exemption is sought.

§ 1702.10 Human experimental data involving the testing of human subjects.

Any human experimental data submitted with a petition requesting an exemption under this part shall include a statement establishing that adequate measures have been taken to ensure against psychological or physical injury to the subject of the human studies. The Commission considers its regulations concerning the protection of human subjects (16 CFR part 1028) to be an example of measures that are adequate to ensure against psychological or physical injury to human subjects.

§ 1702.11 Product specifications.

Each petition for an exemption shall include:

(a) A complete quantitative formula for the product, including inert ingredients, diluents, and solvents. (Petitioners should refer to §1702.6 for information regarding trade secrets.)

(b) A listing of all physical forms or dosage forms (whichever is appropriate) in which the product is available.

§ 1702.12 Packaging specifications.

Each petition for an exemption shall include the following information for each form of the product for which an exemption is sought:

(a) A description of the packaging currently in use including the name of

the manufacturer of the package and all specifications for the package,

(b) A complete packaging description including any carton or wrapping in which the product is offered to the consumer,

(c) A description of each size in which the product is offered, including physical form, color and flavoring, and

(d) An empty sample of each type and size of package petitioned for exemption and, in the case of drugs, a designation of those packages intended to be used in dispensing the product to the consumer for household use.

§ 1702.13 Labeling and packaging samples.

Each petition for an exemption under this part shall include a sample of the label and complete packaging for each size in which each form of the product for which an exemption is sought is packaged. This shall include the immediate container labeling, any package inserts, and other carton or wrapping labeling in which the product is offered to the consumer. In the case of drugs, each petition shall be accompanied by labeling on the outer carton or wrapping in which the product is offered to the retailer, as well as samples of the promotional and advertising information for the product.

§ 1702.14 Marketing history.

Each petition for an exemption under this part shall include a statement of the marketing history of the substance for which an exemption is requested. The marketing history dates from the year in which each form of the product was introduced onto the market. The marketing history shall include the total number of units of each form or strength and package size of the product distributed since the product was introduced onto the market. In the case of prescription drugs, the average prescription size for the product should also be indicated, if known.

§ 1702.15 Petitions alleging the incompatibility of child resistant packaging with the particular substance petitioned for exemption.

(a) Where the petition for an exemption is based upon an allegation that the applicable special packaging standard is incompatible with the particular substance or would seriously and adversely compromise the utility or stability of a substance, the petitioner shall submit adequate evidence to support the allegation.

(b) If the allegation of incompatibility is based upon the fact that package choice is limited by a new drug application filed with the FDA, the petition shall state the limitation of package choice and a description of a time schedule to revise the NDA in order to allow additional package choice.

(c) If the allegation of incompatibility is based upon the fact that the shelf life of the product limits package choice, the petition shall outline the particular limitation and shall include a description of a time schedule to reestablish shelf-life data.

§ 1702.16 Petitions requesting an exemption for a drug or a new drug.

(a) Where the petition requests an exemption for a drug, as defined in section 201(g)(1) of the Federal Food, Drug, and Cosmetic Act (21 U.S.C. 321(g)(1), the petitioner shall include those reports required to be filed under the Food and Drug Administration's Adverse Reaction Reporting Program.

(b) [Reserved]

[45 FR 13064, Feb. 28, 1980, as amended at 66 FR 40115, Aug. 2, 2001]

§ 1702.17 Granting petitions.

Where the Commission determines that reasonable grounds for an exemption are presented by the petition, the Commission shall publish, in the FEDERAL REGISTER, a proposed amendment to the listing of substances requiring special packaging under §1700.14(a). ''Reasonable grounds'' for publishing a proposed exemption are information and data sufficient to support the conclusion that:

(a) The degree or nature of the hazard to children in the availability of the substance, by reason of its packaging, is such that special packaging is not required to protect children from serious personal injury or serious illness resulting from handling, using, or ingesting the substance, or

(b) Special packaging is not technically feasible, practicable, or appropriate for the subject substance, or

(c) Special packaging is incompatible with the particular substance.

§ 1702.18 Denying petitions.

Where the Commission determines that reasonable grounds for an exemption are not presented by the petition, the petition shall be denied, and the petitioner notified in writing of the denial, including a brief statement of the reasons therefor.

§ 1702.19 Effect of filing petition.

The filing of a petition for exemption under this part 1702 shall not have the effect of staying the regulation from which the exemption is sought. Therefore, substances subject to special packaging standards shall be considered in violation of the law unless packaged in special packaging during the Commission's consideration of a petition.